

Solaris XE

Nitrogen Generator

Part number: 3300671



Description

PEAK Scientific's Solaris XE nitrogen generator has been engineered using membrane technology to meet the gas delivery requirements for labs using LC-MS/MS or multiple ELSDs.

Solaris XE can operate with varying flow rates (up to 35L/min of high purity nitrogen), purity (up to 99.5%) and outlet pressure can be adjusted down from 116psi, offering a flexible solution for a variety of applications. The Solaris XE has been engineered to provide nitrogen to laboratories that utilize an external source of compressed air, which meets a minimum quality grade of ISO 8573-1:2010 Class 1.4.1, and its compact, space-saving chassis allows it to be placed on a benchtop, mounted on a wall or beneath an instrument taking up minimal space in the lab.



Application Types

LC-MS, LC-MS/MS or Multiple ELSDs

Generator Details

- **Gas types:** Nitrogen
- **Integrated compressor:** No

Key Features

- Nitrogen up to 35L/min, up to 116 psi and up to 99.5% purity
- Variable outlet flow, pressure and purity
- Compact, stackable* system maximizing the use of valuable laboratory floor or bench space
- Colour indicative LED lighting for easy status awareness
- Manufactured and tested to highest spec in UK, CE/FCC/CSA certified
- Safer and more convenient than pressurized cylinders, dewars or bulk storage
- 12 month on-site comprehensive warranty
- Backed by [PEAK Protected] global on premise servicing and technical support

*units stacked on top of Solaris must not exceed 100kg/220.4lbs

Technical Specifications

	Solaris XE lab nitrogen generator
Gas Type	Nitrogen
Max Gas Flow:	35L/min
Max Output Pressure:	116psi/8bar
Max Output Pressure:	116psi/8bar
Max Purity:	99.50% *
Gas Outlets Fitting:	1 x 1/4 " BSPP
Min Inlet Pressure:	80psi/5.5bar
Max Inlet Pressure:	145psi/10bar
Min Inlet Air Quality:	ISO 8753-1:2010 Class 1.4.1
Power Consumption:	Up to 6.9 Watts
Voltage:	100-230 ± 10% VAC
Frequency:	50 / 60 Hz
Current:	0.03 Amps
Heat output:	25 (BTU)
Max Operating Temp:	30°C / 86°F
Contaminants:	Phthalate & BHT Free
Accreditations:	CE, FCC, CSA
Size (HxWxD) mm	156 x 343 x 650 mm
Size (HxWxD) Inches	6.1 x 13.5 x 25.6 inches
Generator Weight	15kg / 33lbs

* depending on inlet air pressure and outlet flow

[PEAK Protected]TM

Peak Scientific gas generators define the benchmark in reliability, convenience and performance in laboratories around the world, and come backed with a 12 month warranty. Beyond this period however you can ensure that your investment continues to be **[Protected]** by our comprehensive generator care cover.

Our world-class aftercare support packages deliver a program of scheduled preventative maintenance whilst giving you the reassurance of instant access to worldwide technical support and priority on-site response in the untimely event of a breakdown.

- For ordering parts visit: www.peakscientific.com/ordering/
- For service plans visit: www.peakscientific.com/service/service-plans/

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Peak Scientific's Quality Management System conforms to: ISO:9001

